

## I. AMENDMENTS

Please amend the application as follows:

### **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

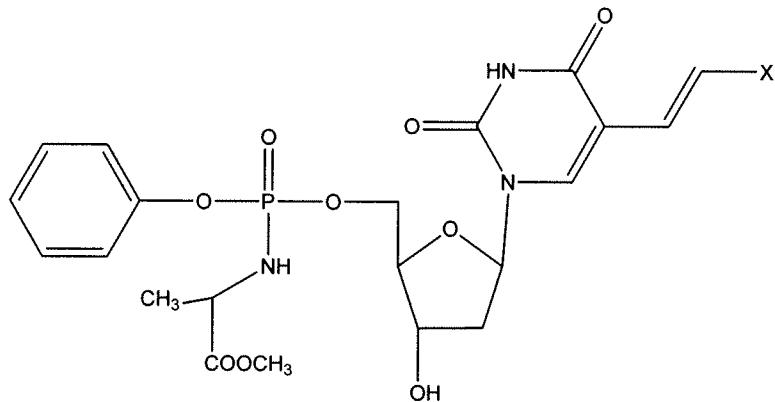
Claims 1. to 55. (Canceled)

56. (Currently Amended) A method for inhibiting the proliferation of a cancer cell selected from the group consisting of a breast cancer cell, a non-small cell lung cancer cell, ~~a rectal cancer cell, a head and neck cancer cell, a stomach cancer cell, a pancreatic cancer cell, and a colon cancer cell, a liver cancer cell, a gastric cancer cell and an ovarian cancer cell~~, wherein the cancer cell endogenously overexpresses thymidylate synthase, comprising contacting the cell with an effective amount of the compound of claim 62 or the composition of claim 91.

57. (Currently Amended) A method for treating a patient suffering from a cancer selected from the group consisting of breast cancer, non-small cell lung cancer, ~~rectal cancer, head and neck cancer, stomach cancer, pancreatic cancer, and colon cancer, and liver cancer, gastric cancer and an ovarian cancer cell~~ wherein the cells of the cancer endogenously overexpress thymidylate synthase comprising administering to the subject an effective amount of a compound of claim 62 or the composition of claim 92.

Claims 58 to 61 (Canceled).

62. (Currently Amended) A compound or its pharmaceutically acceptable salt, ester or ether, wherein the compound is of the formula:



wherein X is -Cl, or -I, and wherein said compound may be in any enantiomeric, diastereomeric,  $\alpha$ -anomeric form,  $\beta$ -anomeric form or stereoisomeric form, wherein the stereoisomeric form consists of a D-form and an L-form.

Claims 63 to 90 (Canceled).

91. (Previously Presented) A composition comprising the compound of claim 62 and a carrier.

92. (Previously Presented) A pharmaceutical composition comprising the compound of 62 and a pharmaceutically acceptable carrier.

93. (Previously Presented) The method of claim 56, wherein the cancer cell is a breast cancer cell or a colon cancer cell.

94. (Previously Presented) The method of claim 57, wherein the cancer is colon cancer or breast cancer.